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OM protein - protein search, using sw model

Run on: March 28, 2003, 12:09:01 ; Search time 9.10556 Seconds
(without alignments)
1463.971 Million cell updates/sec

Title: US-09-924-946-7
Perfect score: 1282
Sequence: 1 DSAPDLVMAQLVQETAYLE.....YPANAELSLEQRLNNLI 227

Scoring table: BLOSUM62

Searched: 237916 seqs, 58723674 residues

Total number of hits satisfying chosen parameters: 237916

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA.*

- 1: /cgn2_6/prodata/1/pubpaa/US08_NEW_PUB.pdb.*
- 2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB.pdb.*
- 3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB.pdb.*
- 4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB.pdb.*
- 5: /cgn2_6/prodata/1/pubpaa/US07_NEW_PUB.pdb.*
- 6: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pdb.*
- 7: /cgn2_6/prodata/1/pubpaa/PCTUS_PUBCOMB.pdb.*
- 8: /cgn2_6/prodata/1/pubpaa/US08_PUBCOMB.pdb.*
- 9: /cgn2_6/prodata/1/pubpaa/US09_NEW_PUB.pdb.*
- 10: /cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pdb.*
- 11: /cgn2_6/prodata/1/pubpaa/US10_NEW_PUB.pdb.*
- 12: /cgn2_6/prodata/1/pubpaa/US10_PUBCOMB.pdb.*
- 13: /cgn2_6/prodata/1/pubpaa/US60_NEW_PUB.pdb.*
- 14: /cgn2_6/prodata/1/pubpaa/US60_PUBCOMB.pdb.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1282	100.0	227	10	US-09-924-946-7
2	1282	100.0	756	10	US-09-870-110-2
3	1282	100.0	756	10	US-09-924-946-2
4	1182	92.2	757	10	US-09-823-038A-52
5	923	72.0	753	10	US-09-782-980-11
6	923	72.0	753	10	US-09-909-743-2
7	923	72.0	754	10	US-09-782-980-17
8	922	72.0	754	10	US-09-909-743-8
9	922	71.9	769	10	US-09-835-996A-39
10	919	71.7	608	10	US-09-835-996A-31
11	919	71.7	753	10	US-09-835-996A-29
12	901	70.3	774	9	US-09-974-398-122
13	901	70.3	774	10	US-09-782-980-16
14	901	70.3	774	10	US-09-909-743-7
15	852	66.5	732	10	US-09-835-996A-13
16	565.5	44.1	417	10	US-09-782-980-14
17	565.5	44.1	417	10	US-09-909-743-5
18	548.5	42.8	574	10	US-09-782-980-15
19	548.5	42.8	574	10	US-09-909-743-6

20	445	34.7	641	9	US-09-948-820-51	Sequence 51, Appl
21	207	16.1	443	12	US-10-067-422-27	Sequence 27, Appl
22	207	16.1	573	12	US-10-067-422-10	Sequence 10, Appl
23	139	10.8	31	12	US-10-067-422-26	Sequence 26, Appl
24	90	7.0	38	10	US-09-925-297-869	Sequence 869, App
25	81.5	6.4	389	10	US-09-880-578-24	Sequence 24, Appl
26	79.5	6.2	389	10	US-09-880-578-25	Sequence 25, Appl
27	79	6.2	1488	9	US-10-043-487-285	Sequence 285, Appl
28	78.5	6.1	303	10	US-09-880-578-21	Sequence 21, Appl
29	78.5	6.1	303	10	US-09-880-578-23	Sequence 23, Appl
30	78.5	6.1	350	10	US-09-037-657-25	Sequence 25, Appl
31	78.5	6.1	385	10	US-09-880-578-20	Sequence 20, Appl
32	78.5	6.1	388	10	US-09-880-578-17	Sequence 17, Appl
33	78.5	6.1	389	10	US-09-880-578-22	Sequence 22, Appl
34	78.5	6.1	389	10	US-09-880-578-26	Sequence 26, Appl
35	78.5	6.1	389	10	US-09-880-578-27	Sequence 27, Appl
36	78.5	6.1	389	10	US-09-880-578-28	Sequence 28, Appl
37	78.5	6.1	389	10	US-09-880-578-29	Sequence 29, Appl
38	78.5	6.1	389	10	US-09-880-578-30	Sequence 30, Appl
39	78.5	6.1	389	10	US-09-880-578-31	Sequence 31, Appl
40	78.5	6.1	392	10	US-09-880-578-18	Sequence 18, Appl
41	78.5	6.1	421	10	US-09-037-657-44	Sequence 44, Appl
42	78.5	6.1	422	9	US-09-944-413-32	Sequence 32, Appl
43	78.5	6.1	422	9	US-09-944-403-32	Sequence 32, Appl
44	78.5	6.1	422	9	US-09-944-896-32	Sequence 32, Appl
45	78.5	6.1	422	9	US-09-944-944-32	Sequence 32, Appl

ALIGNMENTS

RESULT 1

US-09-924-946-7
; Sequence 7, Application US/09924946
; Patent No. US20020102645A1
; GENERAL INFORMATION:
; APPLICANT: American Home Products Corporation
; APPLICANT: Evans, Mark
; APPLICANT: Scicchitano, Marshall
; APPLICANT: Bapat, Ashok
; APPLICANT: Beer, Eric
; APPLICANT: Bhat, Ramesh
; APPLICANT: Ferris, Elissa
; APPLICANT: Mastroeni, Rob
; APPLICANT: Zhang, Jianxiong
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: A No. US20020102645A1e1 Member of the Lysyl Oxidase Gene Family
; FILE REFERENCE: 0630/1G703-US2
; CURRENT APPLICATION NUMBER: US/09/924,946
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/223,763
; PRIOR FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: 60/255,838
; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 227
; TYPE: PRT
; ORGANISM: Human
US-09-924-946-7

Query Match 100.0%; Score 1282; DB 10; Length 227;
Best Local Similarity 100.0%; Pred. No. 1.5e-122;
Matches 227; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	DSAPDLVMAQLVQETAYLEDRPLSOLYCAHEENCUSADHMDWPGYVRRLLRPSTQIY	60
DB	1	DSAPDLVMAQLVQETAYLEDRPLSOLYCAHEENCUSADHMDWPGYVRRLLRPSTQIY	60
QY	61	NLGRTPRKTRGDSVWVQCHRRHYHSIEVFHYDILLTNGSKVAEGHKASFCLEDTNCP	120
DB	61	NLGRTPRKTRGDSVWVQCHRRHYHSIEVFHYDILLTNGSKVAEGHKASFCLEDTNCP	120

QY 121 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 180
Db 121 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 180
QY 181 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 227
Db 181 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 227

RESULT 2
US-09-870-110-2
; Sequence 2, Application US/09870110
; Patent No. US20020068322A1
; GENERAL INFORMATION:
; APPLICANT: Rachel Meyers
; TITLE OF INVENTION: 47765, A No. US20020068322A1el Human Lysyl Oxidase and
; FILE REFERENCE: MNI-160
; CURRENT APPLICATION NUMBER: US/09/870,110
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: 60/207,650
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 756
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-870-110-2

Query Match 100.0%; Score 1282; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 6.8e-122;
Matches 227; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSTQIY 60
Db 530 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSTQIY 599
QY 61 NLGRDTPRKTGRDSWVWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 590 NLGRDTPRKTGRDSWVWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 649
QY 121 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 180
Db 650 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 709
QY 181 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 227
Db 710 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 756

RESULT 3
US-09-924-946-2
; Sequence 2, Application US/09924946
; Patent No. US20020102645A1
; GENERAL INFORMATION:
; APPLICANT: American Home Products Corporation
; APPLICANT: Evans, Mark
; APPLICANT: Scicchitano, Marshall
; APPLICANT: Bapat, Ashok
; APPLICANT: Beer, Eric
; APPLICANT: Bhat, Ramesh
; APPLICANT: Ferris, Elisea
; APPLICANT: Mastroeni, Rob
; APPLICANT: Zhang, Jianxiong
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: A No. US20020102645A1el Member of the Lysyl Oxidase Gene Family
; FILE REFERENCE: 0630/1G703-US2
; CURRENT APPLICATION NUMBER: US/09/924,946
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/223,763
; PRIOR FILING DATE: 2000-08-08

; PRIOR APPLICATION NUMBER: 60/255,838
; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 756
; TYPE: PRT
; ORGANISM: Human
US-09-924-946-2
Query Match 100.0%; Score 1282; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 6.8e-122;
Matches 227; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSTQIY 60
Db 530 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSTQIY 589
QY 61 NLGRDTPRKTGRDSWVWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 590 NLGRDTPRKTGRDSWVWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 649
QY 121 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 180
Db 650 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 709
QY 181 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 227
Db 710 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 756

RESULT 4
US-09-823-038A-52
; Sequence 52, Application US/09823038A
; Patent No. US20020038335A1
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Aherne, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murrison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823,038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Mouse
US-09-823-038A-52

Query Match 92.2%; Score 1182; DB 10; Length 757;
Best Local Similarity 91.2%; Pred. No. 9.8e-112;
Matches 207; Conservative 11; Mismatches 9; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSTQIY 60
Db 531 NSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRRLRFSSQIY 590
QY 61 NLGRDTPRKTGRDSWVWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 591 NLGRADPRFKAGRHSHWVHQCRRHVSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 650
QY 121 TGLORRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 180
Db 651 SGVQRYACANFGQGVTVGCGWDTYRHIDICQWVDITDVGPNGYIFQVIVNPHYEVAESD 710
QY 181 FSNMMLQCRCKYDGHHRVWLNHCHTGNPSYANAELSLEQEQRLRNLI 227

Db 711 FSNMIRCKYDQGVWLNCHTGDSTRANAEISLEQORLNNLI 757

RESULT 5

US-09-782-980-11
; Sequence 11, Application US/09782980
; Patent No. US20020072089A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran M.
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Busfield, Samantha J.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Gu, Wei
; APPLICANT: White, David
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
; TITLE OF INVENTION: STMTST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MNI-121CP
; CURRENT APPLICATION NUMBER: US/09/782,980
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: PCT/US00/02125
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: 60/117,580
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: 09/014,195
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,348
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/086,892
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/296,208
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 09/063,950
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 09/561,381
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/561,810
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/087,121
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/672,721
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: 09/049,799
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 753
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-782-980-11

Query Match 72.0%; Score 923; DB 10; Length 753;
Best Local Similarity 67.0%; Pred. No. 1.9e-85;
Matches 152; Conservative 36; Mismatches 39; Indels 0; Gaps 0;

Qy 1 DSAPDLVNAQLVOETAYLEDRPLSOLYCAHEBNCCLSKSADHMDWPGYRLLRFSTQIY 60
Db 526 ETASDLLHSALVQETAYIEDRPLHMLYCAEBNCCLSSARSANWPGYRLLRFSSQIH 585
Qy 61 NLGRDTRFKTGRDSWWHQCRRHYSIEVTHYDLTLNLSKVAEGHKASFCLEDTNCP 120
Db 586 NLGRADFRPKAGRSWWHECHGHYSMDIFTHYDILTPNCTKVAEGHKASFCLEDTNCP 645
Qy 121 TGLQRYACANFEGCGVTGWDYRHDIDCWVIDITDVGPGNYIFQVIVNPHYVEASD 180
Db 646 EDVSKRYECANFEGCGITVGCWDLYRHDIDCWVIDITDVGPGNYILQVWINPNFEVAES 705

Qy 181 FSNMLOCRCKYDGHVRVWLNCHTGNSTYANAEISLEQORLNNLI 227
Db 706 FTNNAMKCNCKYDGHRIWVHNCHIGDAFSEANRRFRYPGQTSNQI 752

RESULT 6

US-09-909-743-2
; Sequence 17, Application US/09909743
; Patent No. US20020151007A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran et al.
; TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: MNI-073CP
; CURRENT APPLICATION NUMBER: US/09/909,743
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 753
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-743-2

Query Match 72.0%; Score 923; DB 10; Length 753;
Best Local Similarity 67.0%; Pred. No. 1.9e-85;
Matches 152; Conservative 36; Mismatches 39; Indels 0; Gaps 0;

Qy 1 DSAPDLVNAQLVOETAYLEDRPLSOLYCAHEBNCCLSKSADHMDWPGYRLLRFSTQIY 60
Db 526 ETASDLLHSALVQETAYIEDRPLHMLYCAEBNCCLSSARSANWPGYRLLRFSSQIH 585
Qy 61 NLGRDTRFKTGRDSWWHQCRRHYSIEVTHYDLTLNLSKVAEGHKASFCLEDTNCP 120
Db 586 NLGRADFRPKAGRSWWHECHGHYSMDIFTHYDILTPNCTKVAEGHKASFCLEDTNCP 645
Qy 121 TGLQRYACANFEGCGVTGWDYRHDIDCWVIDITDVGPGNYIFQVIVNPHYVEASD 180
Db 646 EDVSKRYECANFEGCGITVGCWDLYRHDIDCWVIDITDVGPGNYILQVWINPNFEVAES 705
Qy 181 FSNMLOCRCKYDGHVRVWLNCHTGNSTYANAEISLEQORLNNLI 227
Db 706 FTNNAMKCNCKYDGHRIWVHNCHIGDAFSEANRRFRYPGQTSNQI 752

RESULT 7

US-09-782-980-17
; Sequence 17, Application US/09782980
; Patent No. US20020072089A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran M.
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Busfield, Samantha J.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Gu, Wei
; APPLICANT: White, David
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
; TITLE OF INVENTION: STMTST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MNI-121CP
; CURRENT APPLICATION NUMBER: US/09/782,980
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: PCT/US00/02125
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: 1999-11-23

Query Match 72.0%; Score 923; DB 10; Length 753;
Best Local Similarity 67.0%; Pred. No. 1.9e-85;
Matches 152; Conservative 36; Mismatches 39; Indels 0; Gaps 0;

Qy 1 DSAPDLVNAQLVOETAYLEDRPLSOLYCAHEBNCCLSKSADHMDWPGYRLLRFSTQIY 60
Db 526 ETASDLLHSALVQETAYIEDRPLHMLYCAEBNCCLSSARSANWPGYRLLRFSSQIH 585
Qy 61 NLGRDTRFKTGRDSWWHQCRRHYSIEVTHYDLTLNLSKVAEGHKASFCLEDTNCP 120
Db 586 NLGRADFRPKAGRSWWHECHGHYSMDIFTHYDILTPNCTKVAEGHKASFCLEDTNCP 645
Qy 121 TGLQRYACANFEGCGVTGWDYRHDIDCWVIDITDVGPGNYIFQVIVNPHYVEASD 180
Db 646 EDVSKRYECANFEGCGITVGCWDLYRHDIDCWVIDITDVGPGNYILQVWINPNFEVAES 705

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; PRIOR APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: 60/117,580
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: 09/014,195
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,348
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/086,892
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/296,208
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 09/063,950
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 09/561,381
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/561,810
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/087,121
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/672,721
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: 09/049,799
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-782-980-17

Query Match          72.0%; Score 923; DB 10; Length 754;
Best Local Similarity 67.0%; Pred. No. 1.9e-85;
Matches 152; Conservative 36; Mismatches 39; Indels 0; Gaps 0;

QY 1 DSAPDLVMAQLVQETAYLEDRPLSLQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 527 ETASDLLHSALVQETAYIEDRPLHMLYCAAEENCLSSARSANWPGYHRRLLRFSSQIH 586
QY 61 NLGRTDFRPKTRGDSWMVHQCRRHYHSIEVPTHYDILLTNGSKVAEGHKASFCLEDTNCP 120
Db 587 NLGRADFRPKAGRSWVHCHGHHVSMDFIPTHYDILTPNGTKVAEGHKASFCLEDTNCP 646
QY 121 TGLORRYACANFGQGVTVGCDWYDIDCWYDITDVGPNGYIFQVIVNPHYVAESD 180
Db 647 EDVSKRYECANFGQGVTVGCDWYDIDCWYDITDVGPNGYIFQVIVNPHYVAESD 706
QY 181 FSNMLOCRCKYDGRVWLNHCHTGNISYPANAELSLQEORLRNLI 227
Db 707 FTNNAMCKNCKYDGRVWLNHCHTGNISYPANAELSLQEORLRNLI 753

RESULT 8
US-09-909-743-8
; Sequence 8, Application US/09909743
; Patent No. US2002051007A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran et al.
; TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
; FILE REFERENCE: MNI-073CP
; CURRENT APPLICATION NUMBER: US/09/909,743
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 754
; TYPE: PRT
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; ORGANISM: murine lysyl oxidase-related protein
US-09-909-743-8

Query Match          72.0%; Score 923; DB 10; Length 754;
Best Local Similarity 67.0%; Pred. No. 1.9e-85;
Matches 152; Conservative 36; Mismatches 39; Indels 0; Gaps 0;

QY 1 DSAPDLVMAQLVQETAYLEDRPLSLQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 527 ETASDLLHSALVQETAYIEDRPLHMLYCAAEENCLSSARSANWPGYHRRLLRFSSQIH 586
QY 61 NLGRTDFRPKTRGDSWMVHQCRRHYHSIEVPTHYDILLTNGSKVAEGHKASFCLEDTNCP 120
Db 587 NLGRADFRPKAGRSWVHCHGHHVSMDFIPTHYDILTPNGTKVAEGHKASFCLEDTNCP 646
QY 121 TGLORRYACANFGQGVTVGCDWYDIDCWYDITDVGPNGYIFQVIVNPHYVAESD 180
Db 647 EDVSKRYECANFGQGVTVGCDWYDIDCWYDITDVGPNGYIFQVIVNPHYVAESD 706
QY 181 FSNMLOCRCKYDGRVWLNHCHTGNISYPANAELSLQEORLRNLI 227
Db 707 FTNNAMCKNCKYDGRVWLNHCHTGNISYPANAELSLQEORLRNLI 753

RESULT 9
US-09-835-996A-19
; Sequence 39, Application US/09835996A
; Patent No. US2002014293A1
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis
; APPLICANT: Loeb, Debra
; APPLICANT: Montgomery, Julie
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje
; APPLICANT: Ren, Feiyan
; APPLICANT: Qian, Xiaohong
; APPLICANT: Wang, Dunrui
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
; FILE REFERENCE: 28110/35915A
; CURRENT APPLICATION NUMBER: US/09/835,996A
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: US 60/197,137
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: US 09/714,936
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 09/667,298
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/598,042
; PRIOR FILING DATE: 2000-06-20
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 769
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-835-996A-39

Query Match          71.9%; Score 922; DB 10; Length 769;
Best Local Similarity 68.8%; Pred. No. 2.5e-85;
Matches 150; Conservative 35; Mismatches 33; Indels 0; Gaps 0;

QY 1 DSAPDLVMAQLVQETAYLEDRPLSLQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 545 ETASDLLHSALVQETAYIEDRPLHMLYCAAEENCLSSARSANWPGYHRRLLRFSSQIH 604
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QY 61 NLGRTDFRPTGRDSSWVHCHRRHYHSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 605 NLGRADFRPKAGRSWVHCHGHYHSMDFTHYDILTPNGTKVAEGHKASFCLEDTNCP 664
QY 121 TGLQRRYACANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYIFQVIVNPHYVAESD 180
Db 665 EDVSKRYECANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYILQVIVNPHYVAESD 724
QY 181 FSNMQLQCRKYDGHRRVWLNCHTGNYSYANAELSLEQ 218
Db 725 FTNNAKCNCKYDGHRIWVHNCHIGDAFSEANRRFR 762

RESULT 10
US-09-835-996A-31
; Sequence 31, Application US/09835996A
; Patent No. US20020142953A1
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis
; APPLICANT: Loeb, Debra
; APPLICANT: Montgomery, Julie
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje
; APPLICANT: Ren, Feiyan
; APPLICANT: Qian, Xiaohong
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
; FILE REFERENCE: 28110/35915A
; CURRENT APPLICATION NUMBER: US/09/835,996A
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: US 60/197,137
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: US 09/714,936
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 09/667,298
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/598,042
; PRIOR FILING DATE: 2000-06-20
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 608
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-835-996A-31

Query Match 71.7%; Score 919; DB 10; Length 608;
Best Local Similarity 67.0%; Pred. No. 3.8e-85;
Matches 152; Conservative 35; Mismatches 40; Indels 0; Gaps 0;

QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 381 ETASDLLHSALVQETAYIEDRPLHMLYCAAEENCLSSARSANWPGYHRRLLRFSSQIH 440
QY 61 NLGRTDFRPTGRDSSWVHCHRRHYHSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 441 NLGRADFRPKAGRSWVHCHGHYHSMDFTHYDILTPNGTKVAEGHKASFCLEDTNCP 500
QY 121 TGLQRRYACANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYIFQVIVNPHYVAESD 180
Db 501 EDVSKRYECANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYILQVIVNPHYVAESD 560
QY 181 FSNMQLQCRKYDGHRRVWLNCHTGNYSYANAELSLEQ 218
Db 561 FTNNAKCNCKYDGHRIWVHNCHIGDAFSEANRRFRYPQOTSQI 607
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RESULT 11

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US-09-835-996A-29
; Sequence 29, Application US/09835996A
; Patent No. US20020142953A1
; GENERAL INFORMATION:
; APPLICANT: Hallinger, Dennis
; APPLICANT: Loeb, Debra
; APPLICANT: Montgomery, Julie
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje
; APPLICANT: Ren, Feiyan
; APPLICANT: Qian, Xiaohong
; APPLICANT: Wang, Dunrui
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
; FILE REFERENCE: 28110/35915A
; CURRENT APPLICATION NUMBER: US/09/835,996A
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: US 60/197,137
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: US 09/714,936
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 09/667,298
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/598,042
; PRIOR FILING DATE: 2000-06-20
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 753
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-835-996A-29

Query Match 71.7%; Score 919; DB 10; Length 753;
Best Local Similarity 67.0%; Pred. No. 4.9e-85;
Matches 152; Conservative 35; Mismatches 40; Indels 0; Gaps 0;

QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 526 ETASDLLHSALVQETAYIEDRPLHMLYCAAEENCLSSARSANWPGYHRRLLRFSSQIH 585
QY 61 NLGRTDFRPTGRDSSWVHCHRRHYHSIEVFTHYDILLTLNGSKVAEGHKASFCLEDTNCP 120
Db 586 NLGRADFRPKAGRSWVHCHGHYHSMDFTHYDILTPNGTKVAEGHKASFCLEDTNCP 645
QY 121 TGLQRRYACANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYIFQVIVNPHYVAESD 180
Db 646 EDVSKRYECANFGQGVTCGWDYRHDIDCQWVDITDVGPNGYILQVIVNPHYVAESD 705
QY 181 FSNMQLQCRKYDGHRRVWLNCHTGNYSYANAELSLEQ 218
Db 706 FTNNAKCNCKYDGHRIWVHNCHIGDAFSEANRRFRYPQOTSQI 752

RESULT 12
US-09-974-298-122
; Sequence 122, Application US/09974298
; Patent No. US20020156263A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Hwei-Mei
; TITLE OF INVENTION: GENES EXPRESSED IN BREAST CANCER
; FILE REFERENCE: PA-0037 P
; CURRENT APPLICATION NUMBER: US/09/974,298
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; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/238,331
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 122
; LENGTH: 774
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020156263A1 2161632CD1
US-09-974-298-122

Query Match 70.3%; Score 901; DB 9; Length 774;
Best Local Similarity 66.7%; Pred. No. 3.4e-83;
Matches 150; Conservative 35; Mismatches 40; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 545 ETAPDLVNAEMVQQTYYLEDRPMFLQCAEMEENCLSAQAQTDPTTGYRLLRFSSQIH 604
QY 61 NLGRDTPRPTGRDSWVHQCCHRYHHSIEVFTHYDLLTLNGSKVAEGHKASFCELDNCP 120
Db 605 NNGQSDFRPKNGRHWIWDCHRRHYHSMVFTHYDLLNLNGTKVAEGHKASFCELTECE 664
QY 121 TGLQRRYACANFGCGVTCWDTYRHDIDCOWVDITDVPGNYIFQVIVNPHYVEAED 180
Db 665 GDQKNEYECANFGDQITMGCDWYRHDIDCOWVDITDVPPGDYLFQVIVNPHYVEAED 724
QY 181 FSNMLOCRCKYDGRVHMLNCHTSGNSYPANAELSLQEORLNN 225
Db 725 YSNMIMKCRSYDGRHWYINWYINCHIGGSFSETEKKFHFSGLLNN 769

RESULT 13
US-09-782-980-16
; Sequence 16, Application US/09782980
; Patent No. US20020072069A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran M.
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Busfield, Samantha J.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Gu, Wei David
; APPLICANT: White, David
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
; TITLE OF INVENTION: STMT PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MNI-121CP
; CURRENT APPLICATION NUMBER: US/09/782,980
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: PCT/US00/02125
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: 60/117,580
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: 09/014,195
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,348
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/086,892
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/296,208
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 09/063,950
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 09/561,381

; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/561,810
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/087,121
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/672,721
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: 09/049,799
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 774
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-782-980-16
Query Match 70.3%; Score 901; DB 10; Length 774;
Best Local Similarity 66.7%; Pred. No. 3.4e-83;
Matches 150; Conservative 35; Mismatches 40; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 545 ETAPDLVNAEMVQQTYYLEDRPMFLQCAEMEENCLSAQAQTDPTTGYRLLRFSSQIH 604
QY 61 NLGRDTPRPTGRDSWVHQCCHRYHHSIEVFTHYDLLTLNGSKVAEGHKASFCELDNCP 120
Db 605 NNGQSDFRPKNGRHWIWDCHRRHYHSMVFTHYDLLNLNGTKVAEGHKASFCELTECE 664
QY 121 TGLQRRYACANFGCGVTCWDTYRHDIDCOWVDITDVPGNYIFQVIVNPHYVEAED 180
Db 665 GDQKNEYECANFGDQITMGCDWYRHDIDCOWVDITDVPPGDYLFQVIVNPHYVEAED 724
QY 181 FSNMLOCRCKYDGRVHMLNCHTSGNSYPANAELSLQEORLNN 225
Db 725 YSNMIMKCRSYDGRHWYINWYINCHIGGSFSETEKKFHFSGLLNN 769

RESULT 14
US-09-909-743-7
; Sequence 7, Application US/09909743
; Patent No. US20020151007A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran et al.
; TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: MNI-073CP
; CURRENT APPLICATION NUMBER: US/09/909,743
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 774
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-743-7

Query Match 70.3%; Score 901; DB 10; Length 774;
Best Local Similarity 66.7%; Pred. No. 3.4e-83;
Matches 150; Conservative 35; Mismatches 40; Indels 0; Gaps 0;
QY 1 DSAPDLVMAQLVQETAYLEDRPLSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIY 60
Db 545 ETAPDLVNAEMVQQTYYLEDRPMFLQCAEMEENCLSAQAQTDPTTGYRLLRFSSQIH 604
QY 61 NLGRDTPRPTGRDSWVHQCCHRYHHSIEVFTHYDLLTLNGSKVAEGHKASFCELDNCP 120
Db 605 NNGQSDFRPKNGRHWIWDCHRRHYHSMVFTHYDLLNLNGTKVAEGHKASFCELTECE 664

QY 121 TGLRRYACANFGCGVTCGWDTYRHIDICQWVDITDVGPNYIFQVIVNPHYVAESD 180
Db 665 GDTQKNECANFGGQITMGCMWYRHDICQWVDITDVPFGDYLFQVWINPNEVAESD 724
QY 181 FSNMLOCRCKYDGHRYVNLHCHTNGSYANAELSLEOEORLNN 225
Db 725 YSNIMKCRSRDGHRIWYNCHIGGSFSEETKKEFHFSGLNN 769

RESULT 15

US-09-935-996A-13
; Sequence 13, Application US/09835996A
; Patent No. US20020142953A1
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis
; APPLICANT: Loeb, Debra
; APPLICANT: Montgomery, Julie
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing
; APPLICANT: Wehrman, Tom
; APPLICANT: Dmanac, Radoje
; APPLICANT: Ren, Feiyan
; APPLICANT: Qian, Xiaohong
; APPLICANT: Wang, Dunrui
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM
; FILE REFERENCE: 28110/35915A
; CURRENT APPLICATION NUMBER: US/09/835,996A
; CURRENT FILING DATE: 2001-04-16
; PRIOR APPLICATION NUMBER: US 60/197,137
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: US 09/714,936
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 09/667,298
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 09/598,042
; PRIOR FILING DATE: 2000-06-20
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 732
; TYPE: prt
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (632)
; OTHER INFORMATION: Xaa = unknown or other
; NAME/KEY: misc feature
; LOCATION: (672)
; OTHER INFORMATION: Xaa = unknown or other
; NAME/KEY: misc feature
; LOCATION: (711)
; OTHER INFORMATION: Xaa = unknown or other
US-09-935-996A-13

Query Match 66.5%; Score 852; DB 10; Length 732;
Best Local Similarity 70.7%; Pred. No. 3e-78;
Matches 140; Conservative 27; Mismatches 31; Indels 0; Caps 0;
QY 3 APDLVMAQLVQETAYLEDRLSLQLYCAHEENCLSKADHMDWPGYRRLLRFSQIYNL 62
Db 535 ASDLLHSALVQETAYLEDRLHMLYCAAEENCLASSARSANWPGYRRLLRFSQIHNL 594
QY 63 GRTPRPKTRGDSVWVHCHRHYSIEVFTHYDLTLNGSKVAEGHKASFCLEDNCPG 122
Db 595 GRADFRPKAGRHSVWVHCHGHYSTDFTHYDLTPXGTVAECHKASFCLEDTEQED 654
QY 123 LQRRYACANFGCGVTCGWDTYRHIDICQWVDITDVGPNYIFQVIVNPHYVAESDFS 182

Db 655 VSKRYECANFGGQITVXCWDLRYRHDICQWIDITDVKPFGNVLQVWINPNEVAEXDFT 714
QY 183 NNMLQCRCKYDGHRYVNLH 200
Db 715 NNAMKCNCKYDGHRIWVH 732

Search completed: March 28, 2003, 12:30:21
Job time : 10.2722 secs

